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PALOMAR AMATEUR RADIO CLUB

August 2020 SCOPE Newsletter

August 2020 General Meeting SWR? Who cares!

Standing Wave Ratio has been a boogiemanager in ham radio for as long as I can remember. Some make it the defining parameter of their station efficiency and performance. But why do we care? Does it have a role in designing our stations? Let's explore in some depth what SWR is and what it tells us and whether it really defines our station. We'll look at how it's calculated, what it implies, Smith charts, and more. And lastly, we'll see if you care.

Please join us at 19:30 on Wednesday, August 5 for our VIRTUAL club meeting! Join us on Zoom to participate in social time starting at 19:00, as well as Q+A time with our host

<https://zoom.us/j/3391648905>

Or, if you just want to watch from the back of the room, feel free to visit us at <https://palomararc.org/live>

for the youtube feed, where you will also be able to watch the entire meeting any time in the future.

Upcoming Events

Auction

Due to COVID-19 and current restrictions on gathering, we will continue to meet virtually for the foreseeable future. Therefore, we intend to attempt holding our auction via ZOOM at the regular October General Meeting time slot!

Be thinking about what items you want to offer up for auction, and what types of things you want to keep your eye out for at the auction.

We will be asking each seller to submit clear photos of their items, along with a description, starting bid, and reserve price. This information will need to be provided enough in advance of the meeting so the Board can put it all into a presentation. Details to follow!



The SoCal SOTAFEST is coming up on August 1st and 2nd. Support the group and listen in on the VHF / UHF frequencies (a lot of us will be monitoring 146.52). If you don't want to go to a summit and operate, you can chase. Just take a look at sotawatch.org and look for us there, we'll be on summits starting with "W6/" and we'll be operating SSB, CW, FM, and possibly digital DMR and some other modes. As a bonus, there's a colorado group doing the same thing that weekend on "W0C/" summits. The exchange is super simple, call and signal report.

The announcement poster is attached and you can get more info at socalsoa.com.





IT Appears By Spears

They say this has been a strange year and I have more proof. Here we are on July 27th and the Padres are in first place! It is amazing how people have adapted to the changes. You can now get almost everything delivered and most of us have not attended an in person meeting in months. Ham Radio is right up there with virtual testing and now we have an online Ham Expo. I think most of you have heard of the QSO Today Virtual Ham Radio Expo. Should be a very interesting experiment and I look forward to trying it out. Stay safe, wash your hands and wear your mask.

73,

Keith KM6CXW

Chair Reports

Repeater Tech/Site

July 4 Trip to the Mountain:

The 6 meter repeater has had bad repeat audio for some time. It was understandable but very hummy. The SCOM IDer audio quality was OK so I knew it had to be a receiver issue.

I pulled the entire repeater to service it on the work bench at home.

It should be ready to go back into service before the end of the month.

ECRA techs found several loose connections on their remote control barrier strip wiring harness. They also documented the different power supply sources, controller connections and fully retested their system. Hopefully their intermittent UHF problem has been resolved. They tightened the 147.030 repeater receive squelch to reduce any feedback with the 146.730 repeater.

John Kuivinen, Vista, CA

WB6IQS

Membership Report

From the Membership Table:

You can check your membership status at any time at palomararc.org/parc-membership-check (or just click on the callsign below).

Will Lapse before October meeting

[AA6BP](#) / BOB - Aug 04, 2020

[KD7ZRG](#) / Andrew P - Aug 30, 2020

[KF6P](#) / Dan - Aug 07, 2020

[KG6QLX](#) / DIANE - Aug 07, 2020

[KK6KTM](#) / Rhonda - Aug 01, 2020

[KK6YWC](#) / DRAGAN - Aug 22, 2020

[ND6W](#) / LOUIS - Sep 02, 2020

[W5WYQ](#) / Gary - Aug 07, 2020

[W6COP](#) / STEVEN - Aug 15, 2020

[W6MBM](#) / MIKE - Aug 01, 2020

[W6REY](#) / REY - Sep 01, 2020

[ZZ9MJM](#) / MATTHEW - Aug 01, 2020

Already Lapsed Memberships (since April 1st)

[AE6BH](#) / WILLIAM - Jul 25, 2020

[AF6GM](#) / J. S. - Jul 23, 2020

[AG6VY](#) / RUSTY - Jul 03, 2020

[AI6VO](#) / GUNTHER - May 02, 2020

[K5RQ](#) / DAVID - Jul 14, 2020

[K6GO](#) / GAYLE - May 02, 2020

[KA9Q](#) / PHIL - Jul 11, 2020

[KD6EKQ](#) / JOHN C - Jun 20, 2020

[KI6IET](#) / TOM - May 05, 2020

[KI6NCA](#) / TONY - Jul 23, 2020

[KJ6WUY](#) / RICHARD - Jun 24, 2020

[KK6AZG](#) / WILLIAM - Jul 22, 2020

[KK6BAD](#) / ALEX - May 16, 2020

[KK6MBQ](#) / CHRIS - May 21, 2020

[KK6RWK](#) / MICHAEL - Jun 04, 2020

[KK6SIA](#) / DON - Jun 19, 2020

[KM6BMX](#) / BOB - Jun 01, 2020

[KM6GOX](#) / Derek - Jun 22, 2020

[KM6KSL](#) / BOB - Jun 11, 2020

[KN6DLN](#) / Alexey - Jul 30, 2020

[KV7I](#) / DAVID - Jul 13, 2020

[KW6Q](#) / LOUIS - May 21, 2020

[N6DM](#) / Gary - Apr 03, 2020

[N6UWW](#) / ELLEN E. - May 24, 2020

[NN3V](#) / CHARLES - Jul 28, 2020

[W0NI](#) / TOM - Jul 18, 2020

[W6BCW](#) / BOBBY - Jun 11, 2020

[W6HDG](#) / HOWARD - Apr 27, 2020

[W6TXK](#) / RONALD C. - Jul 23, 2020

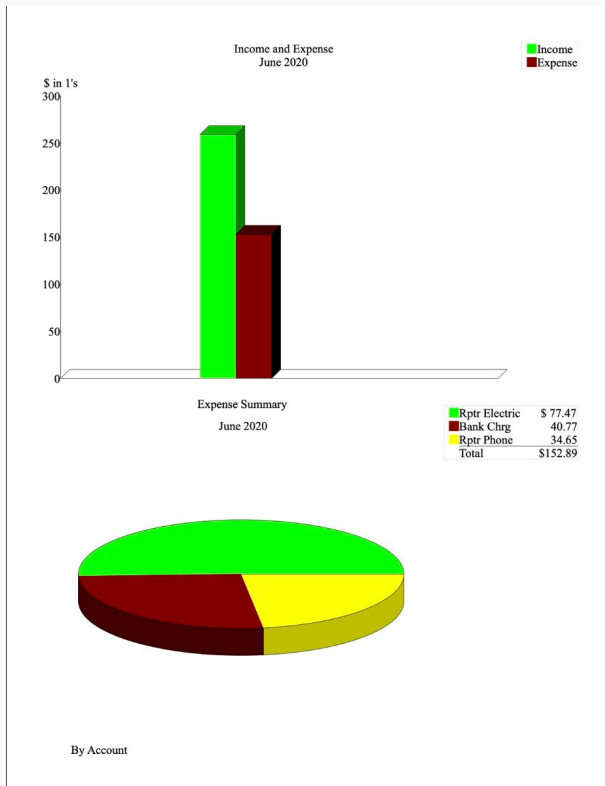
[W6YFX](#) / RON - Jul 18, 2020

[WA6ROC](#) / RALPH - Jun 07, 2020

[WN6K](#) / PAUL - Jun 07, 2020

Based on 07/31/2020 data

Financial Report



Palomar Amateur Radio Club, Inc. Income/Expense by Category June 2020

	Jun 20
Income	
Donations	75.00
Misc Incom	184.00
Total Income	259.00
Expense	
Bank Chrg	40.77
Rptr Electric	77.47
Rptr Phone	34.65
Total Expense	152.89
Net Income	106.11

ARRL Announces Scholarship Winners

The Palomar Amateur Radio Club (PARC) Scholarship

We are pleased to announce the first winner of our scholarship!

Jackie J. Roche, KK6OCG, of Valencia, California

We hope this boost of financial assistance helps Jackie's educational endeavors.

73 de K6JPE on behalf of W6NWG, Palomar Amateur Radio Club

FOR SALE

Items from the estate of Les Nuhn / NN6K

RADIOS

ICOM 7800 SR# 201139	(1 each)	Asking \$3000
ICOM 775DSP Extra filters	(1 each)	\$1275 firm
ELAD FDM-DUO (new)	(1 each)	\$700 firm
Kenwood TS-440s	(1 each)	Asking \$200
Kenwood TS-430s	(1 each)	Asking \$175

AMPS

HENRY 5K CLASSIC	(1 each)	Asking \$2500
HENRY SS 500 DC	(1 each)	Asking \$600 Includes PS50 Pwr Sply
ALPHA "8410"	(1 each)	\$3000 FIRM
ALPHA "77"	(1 each) Plus EIMAC Tube "8877" "	<u>NEW</u> Asking \$2175
ALPHA "76A"	(1 each) Plus EIMAC Tube "8874" <u>USED</u> (3)	Asking \$1575
DENTRON MLA-2500	(1 each) Plus EIMAC Tube "8875" <u>NEW</u> (2)	Asking \$875
MIRAGE B3016 (VHF) New	(1 each)	Asking \$140
MIRAGE D3010 (UHF) New	(1 each)	Asking \$140

TUNERS

DRAKE MN2700 Tuner	(2 each) 1 new	negotiable make offer
B&W vs300a Tuner	(1 each)	negotiable make offer
LDG AT1000 Auto Tuner	(1 each)	negotiable make offer

ANTENNAS

M2 20M4 DX (20 Beam)	New (1 each)	(\$1300) price new – make offer
M2 40M2L (40 Beam)	New (1 each)	(\$2100) price new – make offer
FORCE 12 Delta 4 Element 30&40 Mtr YAGI (NOS)	(1 each)	\$1500 EST. - make offer
Traffie Hex Beam (Used)	(1 each)	\$200

COAX/CABLE

RG8 Coax	1000 ft Spool	negotiable make offer
RG8/U	1000 ft Spool	negotiable make offer
RG213/U	1000 ft Spool	negotiable make offer
RG8x	1000 ft Spool	negotiable make offer

FOR SALE

RG213/U	Partial 50-100ft	negotiable make offer
Speaker Wire	Huge spool 3000ft?	negotiable make offer
Mfj-18H250 Ladder Ln	250 ft spool	negotiable make offer
No.6 3/16" solid braid poly	500 ft spool (3 each)	negotiable make offer

ROTORS

Orion Rotor	(1 each)	\$1800 new	make offer
Orion Controller with manual	(1 each)	\$200 new	make offer

POWER SUPPLIES

Kenwood PS-50 Power Supply	(1)	negotiable make offer
TrippLite Power Supply 3A	(1)	negotiable make offer
MFJ-4125 25 amp Power Sup	(1)	negotiable make offer

MISC

Viking RF PWR Monitor	(1)	negotiable make offer
AMECO PreAmp Model PT3	(1)	negotiable make offer
ONO 0-9000 Communications Terminal	(1)	negotiable make offer
Kantronics VHF Controller00	(1)	negotiable make offer

MISC DX

WX0B Stack Match Array Solutions

Switch Box & Controllers	(3 sets)	negotiable make offer
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DX Engineering

Upper/Lower/Stack Controller	(1)	negotiable make offer
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TOWERS

Tri-Ex WT-51 (50ft) plus new winch		\$200
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Tower is on the ground ready for pick up

"Glen Martin" Aluminum Tower (Roof mount)	(2)	\$200 each
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Free standing maybe 20 ft 1 in box, different. 1 assembled

If interested Contact:

Danny Floyd WB6FWS or Steve Kubicek, W6SMK
+1 (619) 987-8587 +1 (619) 253-7773

Your Board of Directors

Call Sign	Name	Position
K6JPE	Joe	President
NN3V	Charlie	Vice-President

WB6IQS John Secretary
W0NI Tom Treasurer
AI6RR Glen *Membership Chair*
KB6NMK Jo Director #1
KI6RXX Greg Director #2
KM6CXWKeith *Scope Editor*
KF6WTN Mark *Repeater Tech Chair*

[Member Satisfaction Survey](#)

Scope Articles/Content

Please submit articles or content to scope@palomararc.org if you have done something interesting please share with us!
We'd love to see your HAM shacks, mobile rigs, hiking rigs, stories about your hikes or expeditions, anything you think other club members may be interested in reading about.

[Donate](#)

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